

Work Order ID 54289-2

December 7, 2009 2:29:19 PM

Page 1

Item ID: D412-702-121B

Accept

Setup Start

Revision ID:

Stop

Item Name: Harness Assembly

Start Date: 07/12/2009 Start Qty: 10.00

Required Date: 21/12/2009 Req'd Qty: 10.00

Cust Item ID:

Customer:

Reference:

Run Start

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

DSI 9469

A

0.00

50



DC

Document Control

Memo

Photocopy bluefile & type labels per PPP D412-702-121B / DSI 9469  
CHG001

0.00

N/A

100



Packaging

Packaging

Pick Kit

0.00

Memo

0.00

10-1-15 sf

110



Small Fab

Small Fab

Memo

Assemble as per DSI9469

0.00

0.00

ES 10/01/20

# Work Order ID 54289

December 7, 2009 2:29:19 PM



Page 2

Item ID: D412-702-121B

Accept



Setup Start



Revision ID:

Stop



Item Name: Harness Assembly

Start Date: 07/12/2009 Start Qty: 10.00



Cust Item ID:

Required Date: 21/12/2009 Req'd Qty: 10.00

Customer:

Reference:

Run Start



Approvals:

Process Plan: \_\_\_\_\_

Date: \_\_\_\_\_

Tooling: \_\_\_\_\_

Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_

Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_

Date: \_\_\_\_\_

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

120

QC5- Inspect part completeness to step on W/O

0.00

⇒ 8/10/12/20



QC

Memo

0.00

Quality Control



130

0.00



Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D412-702-123B / DSI 9469

Location: \_\_\_\_\_

PPP rev: \_\_\_\_\_

1AM 10/1/20

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/01/20  
MF 10-1-20

# Picklist Print

December 7, 2009 2:29:23 PM

Page 1

Work Order ID: 54289

Parent Item: D412-702-121B

Parent Item Name: Harness Assembly




Start Date: 07/12/2009

Required Date: 21/12/2009

Start Qty: 10.00

Required Qty: 10.00

Comments:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3570-3  Bracket		Manufactured	No				Each	30.0000	10.0000		10-1-15	sf
				<u>Warehouse</u> <u>Location</u>				<u>Loc Qty</u>	<u>Loc Code</u>			
				Main Warehouse				30				
				ST				2				
				47379				28				
				52885				Each	1.0000	10.0000		
D3579-047  Shoulder Harness		Manufactured	No								353851	10-1-15 sf
				<u>Warehouse</u> <u>Location</u>				<u>Loc Qty</u>	<u>Loc Code</u>			
				Main Warehouse				1				
				ST				1				
				47868				Each	194.0000	40.0000		
MS24694-S50  Screw		Purchased	No								10-1-15	sf
				<u>Warehouse</u> <u>Location</u>				<u>Loc Qty</u>	<u>Loc Code</u>			
				Main Warehouse				194				
				ST				6				
				108936				18				
				111020				170				
				113359								



# Picklist Print

December 7, 2009 2:29:23 PM

Work Order ID: 54289

Parent Item: D412-702-121B

Parent Item Name: Harness Assembly

Comments:

Start Date: 07/12/2009

Required Date: 21/12/2009

Start Qty: 10.00

Required Qty: 10.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

AN960JD10L

Purchased

No

Each

5,439.000

40.0000



Washer

10-1-15 SP

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

5439

101291

16

104885

153

105793

236

109632

276

110985

4758

Each

2,759.000

10.0000

MS21042L3

Purchased

No



Nut

10-1-15 (10x) SP

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

2759

109798

14

110844

32

111274

27

111668

194

112314

1992

112385

500

10

# Picklist Print

Page 3

December 7, 2009 2:29:23 PM

Work Order ID: 54289

Parent Item: D412-702-121B

Parent Item Name: Harness Assembly

Comments:





Start Date: 07/12/2009

Required Date: 21/12/2009

Start Qty: 10.00

Required Qty: 10.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3569-3  Decal		Manufactured	No				Each	44.0000	10.0000 		10-1-15	100 SP

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

44

47717

44

~~10~~ 0

IK sont  
déjà installé

December 7, 2009 2:29:23 PM

Shop Packet Print

Page 3

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-702 REV. E AND  
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-702 REV. 3

REF TCCA STC: SH04-7

REF FAA STC: SR01997NY

REF EASA STC: EASA.IM.R.S.00710

## PURPOSE:

Update the D412-702-041A/045A/-041B/-045B kits for compatibility with the Dart D412-769-011 Aft Facing Seat Kit.

## CHANGE:

Quantity (1) each of D412-702-111A/-113A is replaced with D412-702-121A/-123A. Also Qty (4) x AN4-27A bolts are added to the kits for compatibility with the Dart seat. The parts list in section 25.28 (pg. 87) of ICA-D412-702 Rev. 3 and section 7.0 (pg. 38) of IIN-D412-702 Rev. E is amended as follows:

QTY	QTY	QTY	QTY	QTY	PART NUMBER	DESCRIPTION
-041A	-043A	-045A	-047A	-049A		
X					D412-702-041A	Dart 13-Man 3-Point Shoulder Harness Kit
		X			D412-702-045A	Dart 4-Man 3-Point Aft Facing Shoulder Harness Kit

## IS:

1		1			D412-702-111A	HARNESS ASSEMBLY (EXISTING)
1		1			D412-702-121A	HARNESS ASSEMBLY (NEW)
1*		1*			D3570-3	BRACKET
1*		1*			D3579-043	SHOULDER HARNESS
4*		4*			MS24694S50	SCREW
4*		4*			AN960JD10L	WASHER
1*		1*			MS21042L3	NUT
1*		1*			D3569-1	DECAL
1		1			D412-702-113A	HARNESS ASSEMBLY (EXISTING)
1		1			D412-702-123A	HARNESS ASSEMBLY (NEW)
1*		1*			D3570-4	BRACKET
1*		1*			D3579-044	SHOULDER HARNESS
4*		4*			MS24694S50	SCREW
4*		4*			AN960JD10L	WASHER
1*		1*			MS21042L3	NUT
1*		1*			D3569-2	DECAL
4		4			AN4-27A	BOLT (NEW)


## WAS:

2		2			D412-702-111A	HARNESS ASSEMBLY
2		2			D412-702-113A	HARNESS ASSEMBLY

\* DENOTES THAT PART IS INCLUDED WITH ASSEMBLY ABOVE

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY:   
D. SHEPHERD (DE # 02)

DATE: 09.06.30

CERT. NO.: SH04-7

ISSUE NO.: 3

A	NEW ISSUE, NCR 09-068	CP	09.06.30
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9469	SHEET 1 OF 5
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The parts list in section 25.28 (pg. 93) of ICA-D412-702 Rev. 3 and section 7.0 (pg. 40) of IIN-D412-702 Rev. E is amended as follows:

QTY -041B	QTY -043B	QTY -045B	QTY -047B	QTY -049B	PART NUMBER	DESCRIPTION
X					D412-702-041B	Dart 13-Man 3-Point Shoulder Harness Kit
		X			D412-702-045B	Dart 4-Man 3-Point Aft Facing Shoulder Harness Kit

IS:

1		1			D412-702-111B	HARNESS ASSEMBLY (EXISTING)
1		1			D412-702-121B	HARNESS ASSEMBLY (NEW)
1*		1*			D3570-3	BRACKET
1*		1*			D3579-047	SHOULDER HARNESS
4*		4*			MS24694S50	SCREW
4*		4*			AN960JD10L	WASHER
1*		1*			MS21042L3	NUT
1*		1*			D3569-3	DECAL
1		1			D412-702-113B	HARNESS ASSEMBLY (EXISTING)
1		1			D412-702-123B	HARNESS ASSEMBLY (NEW)
1*		1*			D3570-4	BRACKET
1*		1*			D3579-048	SHOULDER HARNESS
4*		4*			MS24694S50	SCREW
4*		4*			AN960JD10L	WASHER
1*		1*			MS21042L3	NUT
1*		1*			D3569-3	DECAL
4		4			AN4-27A	BOLT (ADD)

WAS:

2		2			D412-702-111B	HARNESS ASSEMBLY
2		2			D412-702-113B	HARNESS ASSEMBLY

\* DENOTES THAT PART IS INCLUDED WITH ASSEMBLY ABOVE

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AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

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DE APPR. *[Signature]*  
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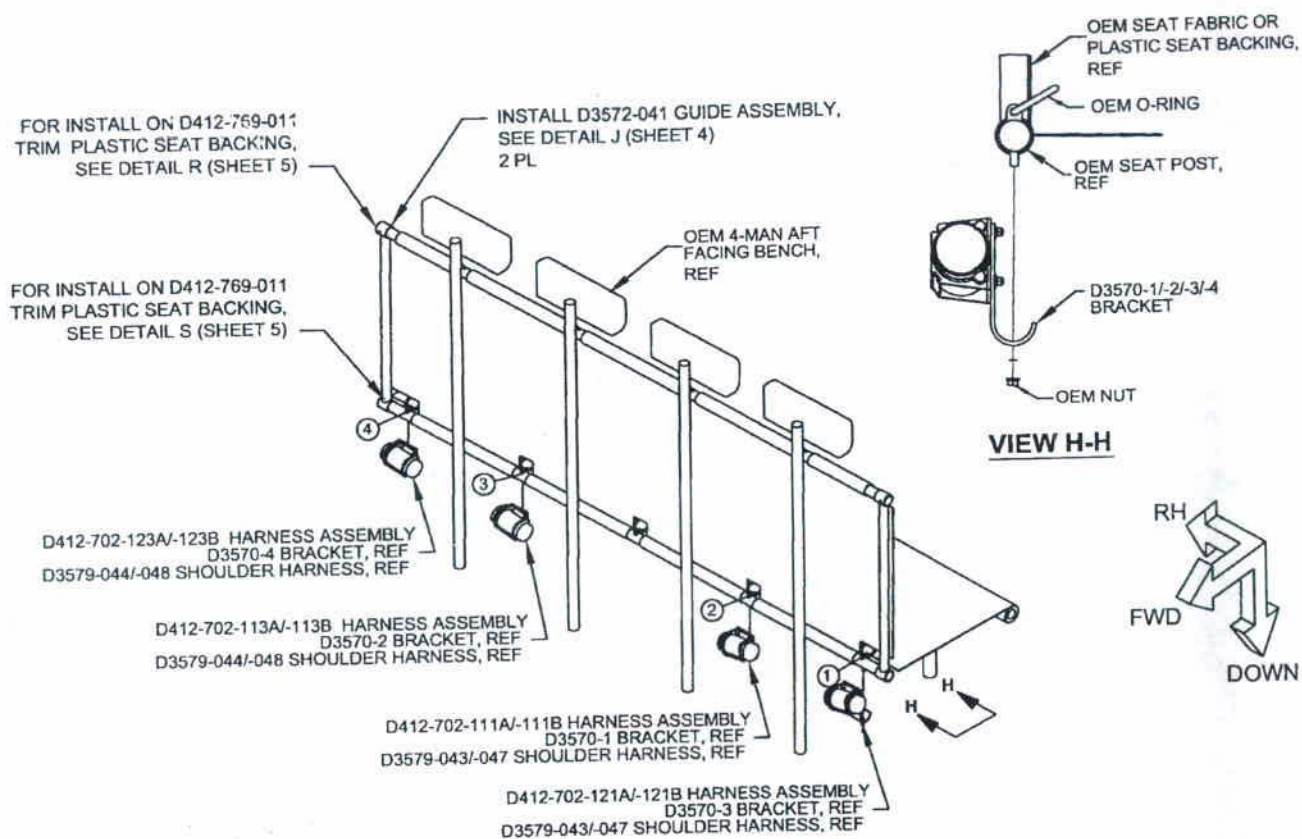
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HAWKESBURY, ONTARIO, CANADA

DRAWING NO. DSI 9469  
REV. A  
SHEET 2 OF 5

TITLE AFT-FACING SEAT UPDATE  
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Figures 4.8 (pg. 25) of IIN-D412-702 Rev. E and 25.12 (pg. 69) of ICA-D412-702 Rev. 3 are updated as follows:



**FIGURE 4.8. SHOULDER BELT INSTALLATION**  
**FIGURE 25.12 D412-702-045A/-045B 4-MAN 3-POINT AFT FACING SHOULDER HARNESS KIT**

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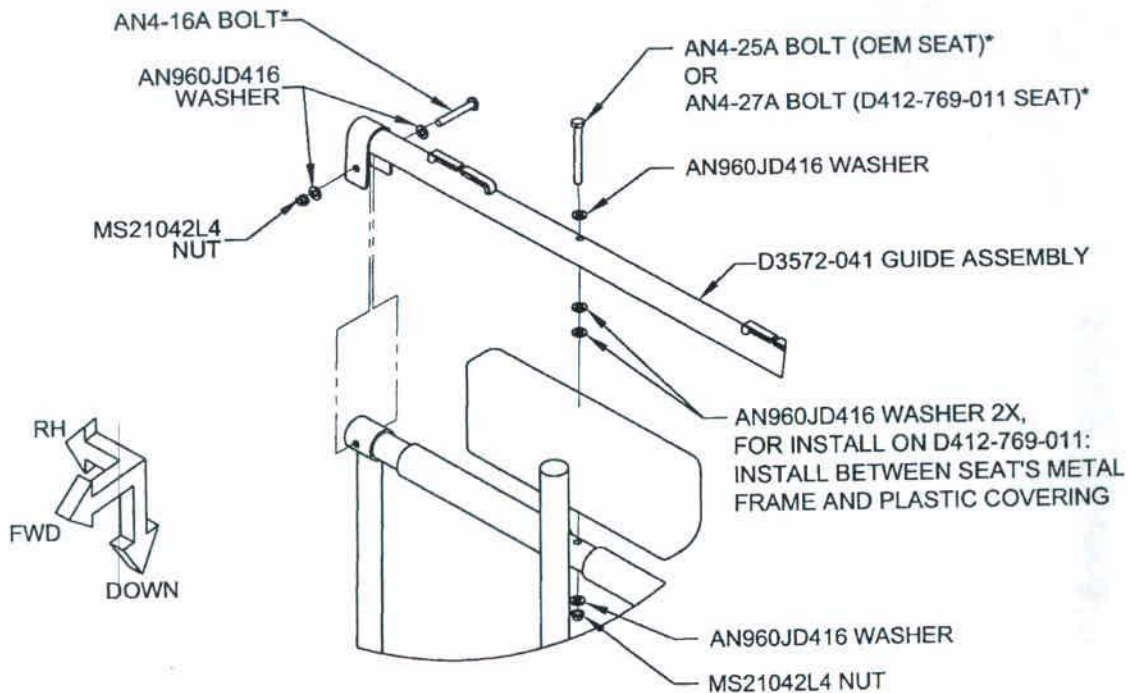
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**DETAIL J: D3572-041 INSTALLATION**  
(RH SHOWN, LH OPPOSITE)

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DAO # 01-O-01

APPROVED

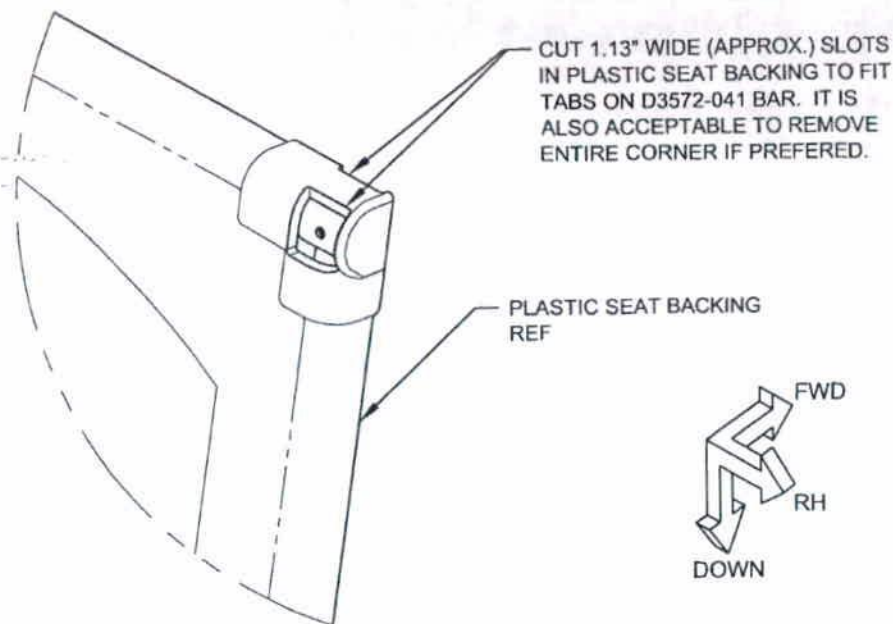
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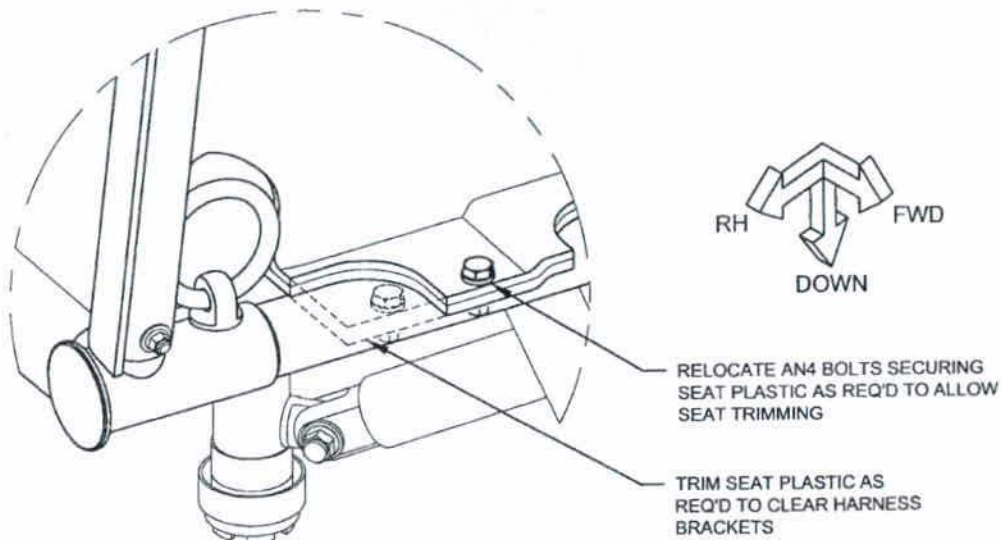
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#### DETAIL R

VIEW LOOKING AT FRONT OF SEAT BACKING, TOP-RH CORNER SHOWN (TOP-LH CORNER SIMILAR),  
FOR INSTALL ON D412-769-011 ONLY



#### DETAIL S

VIEW LOOKING AT REAR OF SEAT, BOTTOM-RH CORNER SHOWN (BOTTOM-LH CORNER SIMILAR),  
FOR INSTALL ON D412-769-011 ONLY

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

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